

Application Serial No. 10/713,715
Amendment dated June 24, 2005
Reply to Office Action dated March 25, 2005

Amendments to the Specification:

Please replace paragraph [0017] with the following amended paragraph:

As illustrated in FIGS. 2, 4 and 6, the length of tuner 52 between its open and closed ends may be straight in shape. Alternatively, tuner 52 may be curved as shown in FIGS. 1, 3 and 5, or have other shapes. The ability of tuner 52 to function properly in a variety of shapes and orientations provides design flexibility and spatial efficiency. As shown in FIG. 1, for example, tuner 52 is mounted to stator 20. Turning to FIGS. 5 and 6, tuner 52 may be mounted to housing 38. Tuner 52 may also be mounted with its length L extending either vertically, as shown in FIG. 4, or horizontally, as shown in FIGS. 1 and 5. Tuner 52 may be mounted to stator 20, housing 38, or other component of compressor assembly 10 using any type of suitable mounting method. For instance, as shown in FIGS. 4 and 5, tuner 52 is mounted to stator 20 and housing 38, respectively, using bracket 60. Bracket 60 connects to stator 20 or housing 38 using weld 62. Other suitable methods may include brazing or fasteners. In the illustrated embodiment, tubular tuner 52 has a generally cylindrical shape defining a circular cross section, however, tuner 52 may also utilize other cross sectional shapes. The size of opening open end 54 may be varied to allow tuner 52 to be fit within an available space or to provide resonating cavity 58 with a desired volume. Tuner 52 may be manufactured using metal, plastic or other suitable materials and using conventional manufacturing methods. For example, tuner 52 may be formed of metal tubing with an end plate welded thereto to form closed end 56 or plastic tubing with an end plate or cap joined to one end.